

SPECIAL SPECIFICATION

SECTION 10503S

METAL LOCKERS

PART 1 - GENERAL

1.01 SECTION INCLUDES

- A. Locker units with hinged doors and accessories and hardware.
- B. Locker Benches.

1.02 REFERENCES

- A. **ASTM A 653/A 653M - Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process.**

1.03 SUBMITTALS

- A. **Environmental Objectives Documentation: Signed by the manufacturers/fabricators stating level of compliance for the requirements and objectives of Section 01805S Environmental Objectives.**
- B. **Product Data: Submit technical data and descriptive literature for all products proposed for use.**
- C. Shop Drawings: Submit drawings indicating locker locations, types, sizes, configurations, layout of groups, numbering, and accessories. Indicate details of fillers, trim, base and accessories.
- D. Samples: Provide two samples, 3 inches by 6 inches in size of each color in manufacturer's standard color range for Architect's selection.
- E. Manufacturer's Instructions: Submit detailed installation instructions for lockers and accessories.

1.04 MOCK-UPS

- A. Provide one full size locker complete with all options and accessories specified.

1.05 DELIVERY, STORAGE, AND HANDLING

- A. Do not deliver products until building is enclosed and ready for locker installation.

1.06 EXTRA STOCK MATERIALS

- A. Provide one bottle of touch-up paint for each color used.
- B. Existing conditions.

PART 2 - PRODUCTS

2.01 MANUFACTURERS

- A. Medart, Inc.
- B. Penco Products, Inc.
- C. Republic Storage Systems Co.

2.02 SOUND ABSORBING METAL LOCKERS

- A. Type: Sound absorbing, single tier double tier.
- B. Sheet Steel:
 - 1. ASTM A 653/A 653M, one-coat electroplated zinc cold rolled carbon steel.
 - 2. Free from buckle, scale, surface imperfections, and capable of taking high grade enamel finish.
 - 3. Finished with baked-on epoxy primer and finish enamel.
 - 4. Minimum Gages:
 - a. Front Frames and Doors: 16 gage.
 - b. Body Tops, Bottoms, Sides, Backs, and Shelves: 24 gage minimum, adequately flanged to provide rigidity.
 - c. Fillers, Bases, Exposed Ends, Trim, Sloped Tops: 18 gage minimum.
- C. Hardware:
 - 1. Locking and Latching Devices: Positive, automatic pre-locking type, complete with tamper-proof locking bar with silencers. Device to be operated with non- protruding

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plastic covered lifting trigger set into a 20 gage stainless steel formed cup, and locked by means of a combination padlock. Latch is a one piece, self contained, spring steel device with special isolation guides.

2. Hinges: Two per door minimum (three on single tier), 2 inches wide, 5 knuckle, tight pin, stainless steel, welded to frame and riveted to door.
3. Bumpers: Air-cushioned elastomeric type fastened to each frame hook.

D. Accessories:

1. Hooks: One double-prong ceiling hook and two single-prong wall hooks of cadmium-plated steel or cast aluminum for single and double tier units.
2. Base: Zinc coated steel, manufacturer's standard color to match locker, flush style.
3. Top: Sloping type, with pre-fabricated end panels and splice plates.
4. Filler Panels: Manufacturer's standard.
5. Number Plates: Aluminum with etched figures, 1/2-inch high minimum attached at top of door.
6. Hat Shelf: One per single tier units.
7. Coat Rods: Provide one in each 21 inch wide locker.

E. Fasteners: Cadmium, zinc, or nickel plated steel; no exposed bolts or rivet heads on front of lockers or frames.

F. Fabrication:

1. Frames: Totally welded overlapping construction, channel formed with double thickness lock and catch housing, and interlocked intermediate cross members.
2. Doors: Self closing channel box formed with reinforced ends returned and welded, with concealed ventilating slots at top and bottom.
3. Body: Flanged, reinforced.
4. Unit Size: 12 inches wide by 18 inches deep.

G. Product: Quiet lockers as made by Republic Storage Systems Inc.

2.03 LOCKER BENCH

A. Top:

1. Laminated solid stock white maple, 1-1/4 inch thick by 9-1/2 inch wide lengths shown.

2. Round corners and sand smooth.
 3. Finish with two coats moisture-resistant, varnish, satin-gloss.
- B. Pedestals:
1. Base: Cast metal threaded for pipe and provisions for concealed fasteners to floor.
 2. Pedestal Column: Standard 1-1/4 inch on diameter minimum pipe threaded on both ends to provide 1 inch minimum height adjustments.
 3. Top Flange: Pipe flange 4 inch diameter with five No. 10 wood screws.
 4. Overall Height of Pedestals: 17 inches (approximate).
 5. Finish: Prime coat for field painting. Factory painted same color as lockers.

2.04 FINISHES

- A. Clean, degrease, and neutralize metal; prime and finish with two coats of baked enamel.
- B. Paint locker units of 1 color throughout.
- C. Color: As selected from manufacturer's standard range.

PART 3 - EXECUTION

3.01 EXAMINATION

- A. Verify bases are properly sized and located.
- B. Beginning of installation indicates acceptance of existing conditions.

3.02 INSTALLATION

- A. Install using skilled workmen in accordance with manufacturer's printed instructions.
- B. Space fastening 48-inch on center maximum and apply through backup reinforcing plates where necessary to prevent metal distortion. Conceal fasteners wherever possible. Use anchorage devices appropriate to suit materials encountered.
- C. Bolt adjoining locker units together to provide rigid installation.
- D. Provide filler panels for closure to adjacent surfaces.

- E. Install end panels, filler panels and other closures for complete installation and to close off all openings.
- F. Install benches in accordance with manufacturer's instructions.

3.03 ADJUSTING

- A. Touch-up marred finishes.
- B. Use only materials and finishes recommended or furnished by locker manufacturer.
- C. Adjust doors and latches to operate easily without bind.

3.04 PROTECTION

- A. Protect lockers from damage and defacement until final acceptance.

END OF SECTION